

01/04/02

JC685 U.S.
PTO

01-07-02

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Please type a plus sign (+) inside this box → +

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. UVD 0279 PA

First Inventor Jeffrey Allen Sturgill

Title NON-TOXIC CORROSION-PROTECTION
PIGMENTS BASED ON COBALT

Express Mail Label No. EL 747952992 US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
---	---

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 333]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets _____]
5. Oath or Declaration [Total Pages 3]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

- | | |
|---|---|
| ACCOMPANYING APPLICATION PARTS | |
| <ol style="list-style-type: none"> 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of (when there is an assignee) <input checked="" type="checkbox"/> Attorney 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. | <ol style="list-style-type: none"> 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of (when there is an assignee) <input checked="" type="checkbox"/> Attorney 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. |
| <ol style="list-style-type: none"> 17. <input checked="" type="checkbox"/> Other: Credit Card Payment Form..... | |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____ / _____

Prior application information: Examiner _____ Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	[REDACTED]	or <input type="checkbox"/> Correspondence address below
Name	23368	
PATENT TRADEMARK OFFICE		
Address		
City	State	Zip Code
Country	Telephone	Fax

Name (Print/Type)	Brian L. Smiler	Registration No. (Attorney/Agent)	46,458
Signature			
	Date	January 4, 2002	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

10/03/2002

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

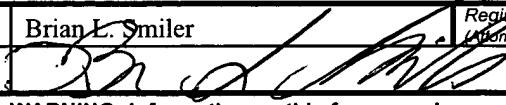
Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 1,243.00)

Complete if Known	
Application Number	
Filing Date	January 4, 2002
First Named Inventor	Jeffrey Allen Sturgill
Examiner Name	
Group Art Unit	
Attorney Docket No.	UV 0279 PA

METHOD OF PAYMENT				FEE CALCULATION (continued)																																																																																																																																																																																													
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number []</p> <p>Deposit Account Name []</p> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Fee (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td>[]</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td>[]</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td>[]</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td>[]</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td>[]</td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td>[]</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td>[]</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td>[]</td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td>[]</td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td>[]</td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td>[]</td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td>[]</td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td>[]</td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td>[]</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td>[]</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td>[]</td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive - unintentional</td><td>[]</td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td>[]</td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td>[]</td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td>[]</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td>[]</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td>[]</td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td>[]</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>[]</td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td>[]</td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td>[]</td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td><td>[]</td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td>[]</td></tr> <tr><td colspan="4">Other fee (specify) _____</td><td colspan="2">SUBTOTAL (3) (\$ -0-</td></tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> <td colspan="2">SUBTOTAL (3) (\$ -0-</td> </tr> </tbody> </table>				Large Entity Fee Code (\$)	Fee (\$)	Small Entity Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	[]	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	[]	139	130	139	130	Non-English specification	[]	147	2,520	147	2,520	For filing a request for ex parte reexamination	[]	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	[]	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	[]	115	110	215	55	Extension for reply within first month	[]	116	400	216	200	Extension for reply within second month	[]	117	920	217	460	Extension for reply within third month	[]	118	1,440	218	720	Extension for reply within fourth month	[]	128	1,960	228	980	Extension for reply within fifth month	[]	119	320	219	160	Notice of Appeal	[]	120	320	220	160	Filing a brief in support of an appeal	[]	121	280	221	140	Request for oral hearing	[]	138	1,510	138	1,510	Petition to institute a public use proceeding	[]	140	110	240	55	Petition to revive - unavoidable	[]	141	1,280	241	640	Petition to revive - unintentional	[]	142	1,280	242	640	Utility issue fee (or reissue)	[]	143	460	243	230	Design issue fee	[]	144	620	244	310	Plant issue fee	[]	122	130	122	130	Petitions to the Commissioner	[]	123	50	123	50	Processing fee under 37 CFR 1.17(q)	[]	126	180	126	180	Submission of Information Disclosure Stmt	[]	581	40	581	40	Recording each patent assignment per property (times number of properties)	[]	146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	[]	149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	[]	179	740	279	370	Request for Continued Examination (RCE)	[]	169	900	169	900	Request for expedited examination of a design application	[]	Other fee (specify) _____				SUBTOTAL (3) (\$ -0-		*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$ -0-	
Large Entity Fee Code (\$)	Fee (\$)	Small Entity Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																												
105	130	205	65	Surcharge - late filing fee or oath	[]																																																																																																																																																																																												
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	[]																																																																																																																																																																																												
139	130	139	130	Non-English specification	[]																																																																																																																																																																																												
147	2,520	147	2,520	For filing a request for ex parte reexamination	[]																																																																																																																																																																																												
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	[]																																																																																																																																																																																												
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	[]																																																																																																																																																																																												
115	110	215	55	Extension for reply within first month	[]																																																																																																																																																																																												
116	400	216	200	Extension for reply within second month	[]																																																																																																																																																																																												
117	920	217	460	Extension for reply within third month	[]																																																																																																																																																																																												
118	1,440	218	720	Extension for reply within fourth month	[]																																																																																																																																																																																												
128	1,960	228	980	Extension for reply within fifth month	[]																																																																																																																																																																																												
119	320	219	160	Notice of Appeal	[]																																																																																																																																																																																												
120	320	220	160	Filing a brief in support of an appeal	[]																																																																																																																																																																																												
121	280	221	140	Request for oral hearing	[]																																																																																																																																																																																												
138	1,510	138	1,510	Petition to institute a public use proceeding	[]																																																																																																																																																																																												
140	110	240	55	Petition to revive - unavoidable	[]																																																																																																																																																																																												
141	1,280	241	640	Petition to revive - unintentional	[]																																																																																																																																																																																												
142	1,280	242	640	Utility issue fee (or reissue)	[]																																																																																																																																																																																												
143	460	243	230	Design issue fee	[]																																																																																																																																																																																												
144	620	244	310	Plant issue fee	[]																																																																																																																																																																																												
122	130	122	130	Petitions to the Commissioner	[]																																																																																																																																																																																												
123	50	123	50	Processing fee under 37 CFR 1.17(q)	[]																																																																																																																																																																																												
126	180	126	180	Submission of Information Disclosure Stmt	[]																																																																																																																																																																																												
581	40	581	40	Recording each patent assignment per property (times number of properties)	[]																																																																																																																																																																																												
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	[]																																																																																																																																																																																												
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	[]																																																																																																																																																																																												
179	740	279	370	Request for Continued Examination (RCE)	[]																																																																																																																																																																																												
169	900	169	900	Request for expedited examination of a design application	[]																																																																																																																																																																																												
Other fee (specify) _____				SUBTOTAL (3) (\$ -0-																																																																																																																																																																																													
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$ -0-																																																																																																																																																																																													
<p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>																																																																																																																																																																																																	
FEE CALCULATION				<p>1. BASIC FILING FEE</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Fee (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee (\$)</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>740</td><td>201</td><td>370</td><td>Utility filing fee</td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td></tr> <tr><td>107</td><td>510</td><td>207</td><td>255</td><td>Plant filing fee</td></tr> <tr><td>108</td><td>740</td><td>208</td><td>370</td><td>Reissue filing fee</td></tr> <tr><td>114</td><td>160</td><td>214</td><td>80</td><td>Provisional filing fee</td></tr> </tbody> </table> <p>SUBTOTAL (1) (\$ 370.00)</p> <p>2. EXTRA CLAIM FEES</p> <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>-20** =</td><td>83</td><td>x 9 = 747</td></tr> <tr><td>Independent Claims</td><td>6</td><td>- 3** =</td><td>3 x 42 = 126</td></tr> <tr><td>Multiple Dependent</td><td></td><td></td><td>= -0-</td></tr> </tbody> </table> <p>Subtotal (2) (\$ 873.00)</p> <p>Large Entity Fee Description</p> <table border="1"> <thead> <tr> <th>Fee Code (\$)</th> <th>Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42</td><td>Independent claims in excess of 3</td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>109</td><td>84</td><td>209</td><td>42</td><td>** Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table>				Large Entity Fee Code (\$)	Fee (\$)	Small Entity Fee Code (\$)	Fee (\$)	Fee Paid	101	740	201	370	Utility filing fee	106	330	206	165	Design filing fee	107	510	207	255	Plant filing fee	108	740	208	370	Reissue filing fee	114	160	214	80	Provisional filing fee	Total Claims	Extra Claims	Fee from below	Fee Paid	103	-20** =	83	x 9 = 747	Independent Claims	6	- 3** =	3 x 42 = 126	Multiple Dependent			= -0-	Fee Code (\$)	Fee (\$)	Fee Description	103	18	203	9	Claims in excess of 20	102	84	202	42	Independent claims in excess of 3	104	280	204	140	Multiple dependent claim, if not paid	109	84	209	42	** Reissue independent claims over original patent	110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																
Large Entity Fee Code (\$)	Fee (\$)	Small Entity Fee Code (\$)	Fee (\$)	Fee Paid																																																																																																																																																																																													
101	740	201	370	Utility filing fee																																																																																																																																																																																													
106	330	206	165	Design filing fee																																																																																																																																																																																													
107	510	207	255	Plant filing fee																																																																																																																																																																																													
108	740	208	370	Reissue filing fee																																																																																																																																																																																													
114	160	214	80	Provisional filing fee																																																																																																																																																																																													
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																														
103	-20** =	83	x 9 = 747																																																																																																																																																																																														
Independent Claims	6	- 3** =	3 x 42 = 126																																																																																																																																																																																														
Multiple Dependent			= -0-																																																																																																																																																																																														
Fee Code (\$)	Fee (\$)	Fee Description																																																																																																																																																																																															
103	18	203	9	Claims in excess of 20																																																																																																																																																																																													
102	84	202	42	Independent claims in excess of 3																																																																																																																																																																																													
104	280	204	140	Multiple dependent claim, if not paid																																																																																																																																																																																													
109	84	209	42	** Reissue independent claims over original patent																																																																																																																																																																																													
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																													

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Brian L. Smiler	Registration No. (Attorney/Agent)	46,458	Telephone (937) 223-2050
Signature			Date	January 4, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Applicants : Jeffrey Allen Sturgill, Andrew Wells Phelps and Joseph Thomas Swartzbaugh

Title : NON-TOXIC CORROSION-PROTECTION PIGMENTS BASED ON
COBALT

Docket No. : UVD 0279 PA

BOX PATENT APPLICATION

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

EL747952992US

"Express Mail" Mailing Label Number EL 747952992 US

Date of Deposit January 4, 2002

I hereby certify that this paper or fee is being deposited with the
United States Postal Service "Express Mail Post Office to Addressee"
service under 37 CFR 1.10 on the date indicated above and is
addressed to the **BOX PATENT APPLICATION, Assistant
Commissioner for Patents, Washington, DC 20231.**

Cetecia Bowling
Cetecia Bowling
Legal Secretary

/amm